

Title (en)

SPECIFIC AND SENSITIVE NUCLEIC ACID DETECTION METHOD

Title (de)

SPEZIFISCHES UND SENSITIVES NUKLEINSÄURENACHWEISVERFAHREN

Title (fr)

PROCEDE DE MISE EN EVIDENCE DE LA PRESENCE D'ACIDE NUCLEIQUE, FONDE SUR LA SPECIFICITE ET LA SENSIBILITE

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Application

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Abstract (en)

[origin: WO9923250A2] The invention relates to a method for detecting a nucleic acid, comprising the following steps: the production of a number of enhancers of a fragment of said nucleic acid with a length of less than 100 nucleotides using two primers, one of said primers being able to bind to a first binding sequence (A) of a strand of the nucleic acid and the other primer being able to bind to a second binding sequence (C') which is essentially complementary to a sequence (C), said sequence (C) not overlapping with (A) and being positioned in the direction 3' from A, in the presence of a probe with a binding sequence (D) which is able to bind to the third sequence (B) positioned between the sequences (A) and (C) or the complement (B') thereof, said probe containing a reporter group and a quencher group, using a polymerase with 5' nuclease activity; and detection of the nucleic acid through the measurement of a signal which is determined by the release of the reporter group.

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